

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

4

DECISION

TOPIC Contract – Quality Consulting, Inc - Private Well Tracking System

The Environmental Protection Commission is requested to approve a contract between the Department and Quality Consulting, Inc. (QCI). This contract is for a one year duration.

The funding for this contract comes from well contractor certification fees and private well construction permit fees. The contract bid is \$96,000. The contractor will be updating and improving our Private Well Tracking System (PWTS).

The PWTS was developed for the purpose of managing program data for private wells. This data includes well construction permits, well logs, plugged wells, well water tests, and well renovation. PWTS provides an internet-accessible application for well drillers, county regulatory personnel, and other authorized users to create a permit for a new private well, enter data describing a new or existing private well such as location, owner, a driller's log, well capacity test, and construction details. The data are stored in a normalized MS SQL Server 2000 database. Access to detailed information and data entry applications is authorized by user-id and password.

The PWTS still lacks some of the desired functionality. There are also many fields which could be improved by better validation criteria. Additional reports and data retrieval processes are necessary.

One of the major deliverables of the project is to enable the transfer of completed records for new private wells between two databases, the Private Well Tracking System database (PWTS) and Iowa Geological Survey's Geological Sampling Database (Geosam), for the purpose of augmenting the internet-accessible geologic-hydrogeologic database served by Geosam. Data flow is to be from PWTS to Geosam with a review function available and the ability to enter some additional information relating to well cutting or core samples which may be received by Iowa Geological Survey (IGS). The purpose of this portion of the project is to shift the data source for private wells from well records that are hand-entered by IGS staff to a direct transfer from PWTS, while recognizing that it is essential to maintain the quality of the data being presented to the public in Geosam.

Eight bids were received for this RFP. QCI has their main office in Clive. They are the consultant that did the previous update on this program so they are very familiar with the it. They were also the lowest bidder on the project.

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